

Human Sortilin 1 (SORT1) CLIA Kit | SORT1 clia kit

Human Sortilin 1 (SORT1)(Sandwich CLIA) CLIA Kit

CATALOG # AAA150912	REACTIVITY Human	APPLICATIONS CLIA (Chemiluminescence Immunoassay)
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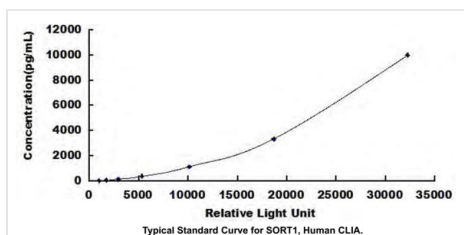
PRODUCT SYNONYMS

Sortilin 1 (SORT1); Human Sortilin 1 (SORT1)(Sandwich CLIA) CLIA Kit; CLIA Kit for Sortilin 1 (SORT1); SORT1/Sortilin 1; NT3; Gp95; NTR3; 100 kDa NT receptor; Glycoprotein 95; Neurotensin receptor 3; SORT1 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of SORT1. No significant cross-reactivity or interference between SORT1 and analogues was observed.
Samples	Human tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	13.7-10,000pg/mL
Sensitivity	< 5.1pg/mL
Applicable Applications for SORT1 clia kit	CLIA (Chemiluminescence Immunoassay)
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level SORT1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level SORT1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C for 1 month; -20 degree C for long-term (within shelf life) The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SORT1 clia kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to SORT1. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to SORT1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the SORT1 level in the sample or standard. Intended Uses: The Chemiluminescent Immunoassay kit is designed for the in vitro sensitive quantitative measurement of SORT1 in human tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Product Categories/Family for SORT1 clia kit	Enzyme & Kinase; Metabolic pathway

NCBI AND UNIPROT INFORMATION

NCBI GI #	84028263
NCBI GeneID	6272
UniProt Accession #	Q99523; Q8IZ49; B4DWI3; C0JYZ0
Molecular Weight	831
NCBI Official Full Name	Sortilin
NCBI Official Synonym Full Names	sortilin 1
NCBI Official Symbol	SORT1
NCBI Official Synonym Symbols	NT3; Gp95; LDLCQ6
NCBI Protein Information	sortilin; NTR3; glycoprotein 95; 100 kDa NT receptor; neurotensin receptor 3
UniProt Protein Name	Sortilin
UniProt Gene Name	SORT1
UniProt Synonym Gene Names	Gp95; NT3; NTR3
UniProt Entry Name	SORT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-clia-kits/sortilin-1-sort1/150912>